

Product Datasheet

PTEN Antibody NBP2-44538-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44538-0.1mg

PTEN Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	10mM PBS and 0.05% BSA
Target Molecular Weight	55 kDa
Product Description	
Description	Novus Biologicals Rabbit PTEN Antibody (NBP2-44538) is a polyclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5728
Gene Symbol	PTEN
Species	Human, Mouse
Specificity/Sensitivity	Recognizes a protein of 55kDa, which is identified as PTEN. PTEN is one of the most commonly lost tumor suppressors in human cancer; in fact, up to 70% of men with prostate cancer are estimated to have lost a copy of the PTEN gene at the time of diagnosis. During tumor development, mutations and deletions of PTEN occur that inactivate its enzymatic activity leading to increased cell proliferation and reduced cell death. Frequent genetic inactivation of PTEN occurs in glioblastoma, endometrial cancer, and prostate cancer; and reduced expression is found in many other tumor types such as lung and breast cancer. In breast and prostate cancer, loss of PTEN expression has been shown to correlate positively with advanced stage. Furthermore, PTEN mutation also causes a variety of inherited predispositions to cancer.
Immunogen	Recombinant full-length human PTEN protein
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunofluorescence
Recommended Dilutions	Western Blot 0.5 - 1.0ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1:10-1:500, Immunofluorescence 1 - 2 ug/ml
Application Notes	Hu-chromosome location: 10q23.3





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Products Related to NBP2-44538-0.1mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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